

查询"供应商"

CRC 5-56 (SPRAY)

325 2206 MSDS

English Version

1. SUPPLIER/MANUFACTURER

CRC Industries Deutschland GmbH
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Characterisation of the product :

Mineral oil and additives dissolved in an aromate free hydrocarbon solvent. Spray can (aerosol), propellent carbon dioxide. Application: penetrating oil, multi purpose lubricant and corrosion protection and contact oil.

2. COMPOSITION AND INFORMATION ON COMPONENTS

<u>hazardous ingredient</u>	<u>CAS-nr</u>	<u>% weight</u>	<u>symbol</u>	<u>R-phrases</u>
hydrocarbon solvent, aromate-free	64742-47-8	30..100	Xn	65

(R65 is not relevant for aerosols)

3. HAZARD IDENTIFICATION

Health and Safety : Not Classified

Other hazards : Aerosols may explode if heated
above 50°C

4. FIRST AID MEASURES

General Advice : In case of unusual or
persistent symptoms always seek for
medical advice.

Contact with eyes : If substance has got into eyes,
immediately wash out with plenty of water
for several minutes

Contact with skin : Wash with water and soap.

Inhalation : Remove patient to fresh air

Ingestion : Do not induce vomiting
Seek medical advice



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5. FIRE-FIGHTING MEASURES

Flash point : 78 °C

Extinguishing media : foam, carbon dioxide or dry agent
water fog

Fire-fighting procedures: Keep container(s) exposed to fire cool, by spraying with water

Unusual exposure hazard : Aerosols may explode if heated above 50°C.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions : Shut off all ignition sources
Ensure adequate ventilation

Environmental precautions : Do not allow to enter public sewers and watercourses

Cleaning methods : Remove with non-flammable liquid absorbing material.

7. HANDLING AND STORAGE

Handling procedures : Use only in well ventilated areas (S51)
Keep away from heat and sources of ignition
Protect containers from direct sunlight and do not expose to temperatures exceeding 50°C.

Storage procedures : Keep out of reach of children (S2)
Take care of storage regulations according to TRG 300 (Germany).

8. EXPOSURE CONTROL AND PERSONAL PROTECTION

Control procedures : Use only in well ventilated areas (S51)
Keep away from heat and sources of ignition

Personal protection

inhalation : Use only in well ventilated areas (S51)

hands and skin : If large amounts are used wear

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suitable protective gloves.
eyes : Wear goggles giving complete
eye protection

Exposure limits	:			
component	:	cas-no.	MAK-value	unit
hydrocarbon solvent	:	64742-47-8	200*	ppm
*hydrocarbon group 1, TRGS 900 (Germany)				

9. PHYSICAL AND CHEMICAL PROPERTIES

Apperance : physical state : aerosol can
colour : amber
odour : Characteristic odour

Melting point/range : <-20 °C
Boiling point/range : 190..500 °C
Relative density : 0,83 (at 20°C, water=1)
pH : Not applicable
Vapour pressure : 0,3 kPa (at 20 °C)
Can pressure (Aerosols) : 680 kPa (at 20°C)
Relative vapour density : 6 (at 20°C, air=1)
Solubility in water : miscible
Flash point : 78 °C
Auto-ignition : >250 °C
Viscosity : < 10 mPas (at 20°C)

10. STABILITY AND REACTIVITY

Conditions to be avoided : Protect containers from direct
sunlight and do not expose to temperatures
exceeding 50°C.
Keep away from sources of ignition - No
Smoking (S16)

Materials to be avoided : Strong oxidising agent

Hazardous decomposition compounds : soot, hydrocarbon
crack-products
sulphur dioxide

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11. TOXICOLOGICAL INFORMATION

- Inhalation** : Inhalation of solvent vapours
may give rise to nausea, headaches and
dizziness
- Ingestion** : After vomiting of swallowed
product aspiration into lungs is likely.
Solvents may induce chemical pneumonia.
- Skin contact** : Prolonged skin contact will
result in defatting of the skin, leading
to irritation, and in some cases,
dermatitis
- Eye contact** : May cause irritations

Toxicological data

<u>component</u>	<u>CAS-nr</u>	<u>method</u>	<u>value</u>	<u>unit</u>
hydrocarbon solvent	64742-47-8	LD50 oral rat	20000	mg/kg
		LD50 perc. rabbit	4000	mg/kg
		LC50 inhal. rat	>14	g/m ³

12. ECOLOGICAL INFORMATION

- Other adverse effects** : WHG class 2 (Germany). Do not
allow to enter public sewers and
watercourses.

does not contain heavy metal compounds
does not contain halogenated organic compounds, does not induce AOX

13. WASTE DISPOSAL

- National regulations** : Disposal should be in
accordance with local, state or national
legislation
waste code 150104 (packaging material,
metal)
waste code 130202 (non-chlorinated engine-,
gear- and lubricating oils)
Green point (Germany), empty containers
completely before disposal.

14. TRANSPORT

UN-Number : 1950

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Road/Rail (ADR/RID) : class 2, cipher 5F
shipping name : aerosols

Air (IATA-DGR) : class 2.1, packing group not applicable
hazard label : flammable gas
shipping name : aerosols, flammable

Sea (IMDG-Code) : class 2
packing group : not applicable
marine pollutant : non
EMS-No. 2-13, MFAG-No. 620
shipping name : aerosols

15. REGULATORY INFORMATION

Warning symbol(s) : Not applicable

Risk-phrase(s) : Not applicable

Safety-phrase(s) : Keep out of reach of children
(S2)
Do not breathe gas/fumes/vapour/spray (S23)
Use only in well ventilated areas (S51)

Pressurized container. Protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use. Do not spray on a naked flame or any incandescent material.

16. OTHER INFORMATION

The information contained herein is based on the present state of our knowledge and intended to describe our products from the point of view of safety requirements. It should not therefore be construed as guaranteeing specific properties.

Editor: Departement Technik, Jürgen Peschik